# WEST Search History

DATE:   Monday, February 10, 2003

| Set Name side by side | Query | Hit Count | Set Name result set |
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| *DB=USPT; PLUR=YES; OP=ADJ* | | | |
| L15 | Frazer .in. and papillomavirus | 7 | L15 |
| L14 | Frazer I.in. | 0 | L14 |
| L13 | papillomavirus adj E2 and method.clm. | 30 | L13 |
| L12 | papillomavirus and E2 and method.clm. | 231 | L12 |
| L11 | L8 and method.clm. | 46 | L11 |
| L10 | L8 and method | 65 | L10 |
| L9 | papillomavirus and E2 and HPV16.clm. | 11 | L9 |
| L8 | papillomavirus and E2.clm. | 65 | L8 |
| L7 | papillomavirus and E2 | 351 | L7 |
| *DB=EPAB; PLUR=YES; OP=ADJ* | | | |
| L6 | papillomavirus and E2.clm. | 0 | L6 |
| L5 | papillomavirus and E2 | 11 | L5 |
| L4 | Hu y x.in. | 0 | L4 |
| *DB=JPAB; PLUR=YES; OP=ADJ* | | | |
| L3 | Hu y x.in. | 0 | L3 |
| *DB=DWPI; PLUR=YES; OP=ADJ* | | | |
| L2 | Hu y x.in. | 1 | L2 |
| L1 | Hu x y.in. | 0 | L1 |

END OF SEARCH HISTORY

# WEST

[ Generate Collection ]   [ Print ]

## Search Results - Record(s) 1 through 6 of 6 returned.

☐  1.   Document ID: US 5989548 A

L1: Entry 1 of 6                          File: USPT                        Nov 23, 1999

US-PAT-NO: 5989548
DOCUMENT-IDENTIFIER: US 5989548 A

TITLE: Peptide-based composition against papillomavirus infection

DATE-ISSUED: November 23, 1999

INVENTOR-INFORMATION:
| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------|------|-------|----------|---------|
| Dillner; Joakim | Danderyd | | | SE |

US-CL-CURRENT: 424/184.1; 424/185.1, 530/300, 530/403, 536/23.72, 930/220

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC |
| Draw Desc | Image |

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☐  2.   Document ID: US 5932412 A

L1: Entry 2 of 6                          File: USPT                        Aug 3, 1999

US-PAT-NO: 5932412
DOCUMENT-IDENTIFIER: US 5932412 A

TITLE: Synthetic peptides in human papillomaviruses 1, 5, 6, 8, 11, 16, 18, 31, 33 and 56, useful in immunoassay for diagnostic purposes

DATE-ISSUED: August 3, 1999

INVENTOR-INFORMATION:
| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------|------|-------|----------|---------|
| Dillner; Joakim | Stockholm | | | SE |
| Dillner; Lena | Stockholm | | | SE |
| Cheng; Hwee-Ming | Kuala Lumpur | | | MY |

US-CL-CURRENT: 435/5; 435/7.1, 436/64, 436/813, 530/321, 530/325, 530/326, 530/388.4, 530/389.4

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC |
| Draw Desc | Image |

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☐  3.   Document ID: US 5629146 A

L1: Entry 3 of 6                    File: USPT                    May 13, 1997

US-PAT-NO: 5629146
DOCUMENT-IDENTIFIER: US 5629146 A

TITLE: Method for detection of human papillomavirus (HPV) for diagnostic purposes

DATE-ISSUED: May 13, 1997

INVENTOR-INFORMATION:
| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------|------|-------|----------|---------|
| Dillner; Joakim | Stockholm | | | SE |
| Dillner; Lena | Stockholm | | | SE |

US-CL-CURRENT: 435/5; 435/7.92, 436/513, 436/518, 436/813

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |   KWIC   |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|----------|
| Draw Desc | Image |

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☐ 4.   Document ID: US 5486453 A

L1: Entry 4 of 6                    File: USPT                    Jan 23, 1996

US-PAT-NO: 5486453
DOCUMENT-IDENTIFIER: US 5486453 A

TITLE: Antibodies to human papillomavirus latent proteins, diagnostic systems and methods

DATE-ISSUED: January 23, 1996

INVENTOR-INFORMATION:
| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------|------|-------|----------|---------|
| Dillner; Joakim | Stockholm | | | SE |
| Lerner; Richard A. | La Jolla | CA | | |
| Smith; Richard | Del Mar | CA | | |
| Parks; D. Elliot | Del Mar | CA | | |

US-CL-CURRENT: 435/5; 435/7.92, 435/975, 436/518, 436/548

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |   KWIC   |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|----------|
| Draw Desc | Image |

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☐ 5.   Document ID: US 5401627 A

L1: Entry 5 of 6                    File: USPT                    Mar 28, 1995

US-PAT-NO: 5401627
DOCUMENT-IDENTIFIER: US 5401627 A

TITLE: Antibodies to human papillomavirus latent proteins, diagnostic systems and methods

DATE-ISSUED: March 28, 1995

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---|---|---|---|---|
| Dillner; Joakim | Stockholm | | | SE |
| Lerner; Richard A. | La Jolla | CA | | |
| Smith; Richard | Del Mar | CA | | |
| Parks; D. Elliot | Del Mar | CA | | |

US-CL-CURRENT: <u>435/5</u>; <u>435/339</u>, <u>436/518</u>, <u>436/548</u>, <u>530/387.9</u>, <u>530/388.3</u>, <u>530/389.4</u>

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |      KWIC |
| Draw Desc | Image |

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☐  6.   Document ID: US 5180806 A

L1: Entry 6 of 6                        File: USPT                        Jan 19, 1993

US-PAT-NO: 5180806
DOCUMENT-IDENTIFIER: US 5180806 A

TITLE: Polypeptides and compositions of human <u>papillomavirus</u> latent proteins, diagnostic systems and methods

DATE-ISSUED: January 19, 1993

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---|---|---|---|---|
| Dillner; Joakim | Stockholm | | | SE |
| Lerner; Richard A. | La Jolla | CA | | |
| Smith; Richard | Del Mar | CA | | |
| Parks; D. Elliot | Del Mar | CA | | |

US-CL-CURRENT: <u>530/326</u>; <u>530/324</u>, <u>530/325</u>

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |      KWIC |
| Draw Desc | Image |

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| Terms | Documents |
|---|---|
| Dillner Joakim.in. and papillomavirus | 6 |

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# WEST Search History

DATE: Monday, February 10, 2003

| Set Name | Query | Hit Count | Set Name |
|---|---|---|---|
| side by side | | | result set |
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| L4 | "DICNTMHYTNWTHIYICEE" | 0 | L4 |
| *DB=USPT; PLUR=YES; OP=ADJ* | | | |
| L3 | "DICNTMHYTNWTHIYICEE" | 0 | L3 |
| L2 | DICNTMHYTNWTHIYICEE | 0 | L2 |
| L1 | Dillner Joakim.in. and papillomavirus | 6 | L1 |

END OF SEARCH HISTORY

# WEST

## End of Result Set

☐ | Generate Collection | Print

L1: Entry 1 of 1                    File: DWPI                    Oct 18, 2001

DERWENT-ACC-NO: 2002-010888
DERWENT-WEEK: 200213
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TITLE: New peptides derived from E2, E6 or E7 early coding regions of human
papillomavirus 16 and 18, useful in diagnosis of human papillomavirus infection and
associated malignancy e.g. cervical carcinoma

INVENTOR: HU, Y X

PRIORITY-DATA: 2000US-194796P (April 5, 2000)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---|---|---|---|---|
| WO 200177142 A1 | October 18, 2001 | E | 028 | C07K004/02 |
| AU 200151394 A | October 23, 2001 | | 000 | C07K004/02 |

INT-CL (IPC): C07 K 4/02; C12 Q 1/70; G01 N 33/53; G01 N 33/536; G01 N 33/566

ABSTRACTED-PUB-NO: WO 200177142A
BASIC-ABSTRACT:

NOVELTY - A peptide derived from the E2, E6 or E7 early coding region of human
papillomavirus (HPV) 16 and 18, which is soluble in aqueous solution and has a lysine
or cysteine residue near the amino terminus, very few tryptophan, methionine and
cysteine residues, and/or many glycine and asparagine residues, is new.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for diagnosing the presence of
antibodies to HPV using the peptides, by reacting a body fluid/tissue sample with the
novel peptide and detecting formation of antibody-peptide complex.

USE - The peptides and diagnostic method are used to diagnose HPV infection, especially
infection with oncogenic HPV by using peptides derived from the E2 region, since HPV 16
and 18 are the main HPV genetic types associated with cancers, and presence of
antibodies to E2 protein is known to provide evidence of HPV infection. They are also
useful to diagnose HPV associated malignancy/premalignancy, especially carcinoma by
using peptides derived from the E6 or E7 regions, since E6 and E7 are thought to be
tumor-specific antigens. The peptides and diagnostic method are especially useful to
diagnose cervical carcinoma (e.g. adenocarcinoma of the uterine cervix) and any HPV
associated epithelial cell abnormality (e.g. koilocytosis) (All claimed). They are also
used to detect head and neck cancers, small cell lung cancers, penal and anal squamous
cell carcinomas and melanoma.

ABSTRACTED-PUB-NO: WO 200177142A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/6

PubMed    Nucleotide    Protein    Genome    Structure    PMC    Taxonomy    OMIM    Bo

Search  PubMed   ▼ for  Hu  YX                                                    Go  Clear

Limits        Preview/Index        History        Clipboard        Details

Display   Summary        ▼ Show:  20  ▼ Sort     ▼   Send to    Text     ▼

Items 1-20 of 22                                        Page   1    of 2  Next

**Entrez PubMed**

☐ **1:** Hu YX, Guo JY, Shen L, Chen Y, Zhang ZC, Zhang YL.          Related Articles, Links
Get effective polyclonal antisera in one month.
Cell Res. 2002 Jun;12(2):157-60.
PMID: 12118942 [PubMed - indexed for MEDLINE]

**PubMed Services**

☐ **2:** Yang P, Gao BC, Wiscombe WJ, Mishchenko MI, Platnick SE,          Related Articles, Links
Huang HL, Baum BA, Hu YX, Winker DM, Tsay SC, Park SK.
Inherent and apparent scattering properties of coated or uncoated spheres
embedded in an absorbing host medium.
Appl Opt. 2002 May 20;41(15):2740-59.
PMID: 12027161 [PubMed - as supplied by publisher]

☐ **3:** Hladik F, Bender S, Akridge RE, Hu YX, Galloway C, Francis D,   Related Articles, Links
McElrath MJ.

**Related Resources**

Recombinant HIV-1 glycoprotein 120 induces distinct types of delayed
hypersensitivity in persons with or without pre-existing immunologic
memory.
J Immunol. 2001 Mar 1;166(5):3580-8.
PMID: 11207319 [PubMed - indexed for MEDLINE]

☐ **4:** Hu YX, Watanabe H, Li P, Wang Y, Ohtsubo K, Yamaguchi Y,          Related Articles, Links
Sawabu N.
An immunohistochemical analysis of p27 expression in human pancreatic
carcinomas.
Pancreas. 2000 Oct;21(3):226-30.
PMID: 11039465 [PubMed - indexed for MEDLINE]

☐ **5:** Watanabe H, Ha A, Hu YX, Ohtsubo K, Yamaguchi Y, Motoo Y,   Related Articles, Links
Okai T, Toya D, Tanaka N, Sawabu N.
K-ras mutations in duodenal aspirate without secretin stimulation for
screening of pancreatic and biliary tract carcinoma.
Cancer. 1999 Oct 15;86(8):1441-8.
PMID: 10526271 [PubMed - indexed for MEDLINE]

☐ **6:** Hu YX, Watanabe H, Ohtsubo K, Yamaguchi Y, Ha A, Motoo Y,   Related Articles, Links
Okai T, Sawabu N.
Bcl-2 expression related to altered p53 protein and its impact on the
progression of human pancreatic carcinoma.
Br J Cancer. 1999 Jun;80(7):1075-9.

PMID: 10362119 [PubMed - indexed for MEDLINE]

☐ **7:** Watanabe H, Yamaguchi Y, Ha A, Hu YX, Motoo Y, Okai T,    **Related Articles, Links**
Yoshimura T, Sawabu N.

Quantitative determination of K-ras mutations in pancreatic juice for diagnosis of pancreatic cancer using hybridization protection assay.
Pancreas. 1998 Nov;17(4):341-7.
PMID: 9821175 [PubMed - indexed for MEDLINE]

☐ **8:** Hu YX, Watanabe H, Ohtsubo K, Yamaguchi Y, Ha A, Okai T,    **Related Articles, Links**
Sawabu N.

Frequent loss of p16 expression and its correlation with clinicopathological parameters in pancreatic carcinoma.
Clin Cancer Res. 1997 Sep;3(9):1473-7.
PMID: 9815833 [PubMed - indexed for MEDLINE]

☐ **9:** Hu YX.    **Related Articles, Links**

[The development of x-ray machine mAs tester]
Zhongguo Yi Liao Qi Xie Za Zhi. 1997 Jan;21(1):53-5. Chinese.
PMID: 9644146 [PubMed - indexed for MEDLINE]

☐ **10:** Hu YX, Watanabe H, Ohtsubo K, Yamaguchi Y, Ha A, Motoo Y,    **Related Articles, Links**
Okai T, Sawabu N.

Infrequent expression of p21 is related to altered p53 protein in pancreatic carcinoma.
Clin Cancer Res. 1998 May;4(5):1147-52.
PMID: 9607571 [PubMed - indexed for MEDLINE]

☐ **11:** O'Neill FJ, Frisque RJ, Xu X, Hu YX, Carney H.    **Related Articles, Links**

Immortalization of human cells by mutant and chimeric primate polyomavirus T-antigen genes.
Oncogene. 1995 Mar 16;10(6):1131-9.
PMID: 7700639 [PubMed - indexed for MEDLINE]

☐ **12:** Fu YL, Hu YX, Lin HL.    **Related Articles, Links**

[Diagnosis between condyloma acuminatum and pseudocondyloma in lower female genital tract as determined by a PCR-based method]
Zhonghua Fu Chan Ke Za Zhi. 1994 Jan;29(1):16-8, 59-60. Chinese.
PMID: 8033617 [PubMed - indexed for MEDLINE]

☐ **13:** Yu YF, Hu YX, Zhu P.    **Related Articles, Links**

[A pathological analysis of 51 cases of renal osteodystrophy]
Zhonghua Nei Ke Za Zhi. 1993 Jul;32(7):448-50. Chinese.
PMID: 8275821 [PubMed - indexed for MEDLINE]

☐ **14:** Hu YX.    **Related Articles, Links**

[Analysis of the therapeutic effect of radial keratotomy]
Chung Hua Yen Ko Tsa Chih. 1992 Nov;28(6):324-7. Chinese.
PMID: 1306462 [PubMed - indexed for MEDLINE]

☐ **15:** Liu D, Xu ZB, Hu YX.    **Related Articles, Links**

[The significance of immunoblot in serodiagnosis of cysticercosis cellulosae]
Zhonghua Nei Ke Za Zhi. 1991 Apr;30(4):233-5, 255. Chinese.
PMID: 1874092 [PubMed - indexed for MEDLINE]

☐ **16:** <u>Chen JP, Zhang XY, Tan W, Liu MF, Liu GL, Hu YX.</u>          Related Articles, Links

[Determination of circulating antigen in cysticercosis patients using McAb-based ELISA]
Zhongguo Ji Sheng Chong Xue Yu Ji Sheng Chong Bing Za Zhi. 1991;9(2):122-5. Chinese.
PMID: 1873884 [PubMed - indexed for MEDLINE]

☐ **17:** <u>Hu YX, Miao YG, Wang HW, Sun YC.</u>          Related Articles, Links

[Experimental observation on the effectiveness of pirimiphos methyl against Anopheles sinensis]
Zhongguo Ji Sheng Chong Xue Yu Ji Sheng Chong Bing Za Zhi. 1988;6(1):4-7. Chinese. No abstract available.
PMID: 3383392 [PubMed - indexed for MEDLINE]

☐ **18:** <u>Iwanami H, Shimizu T, Anzai Y, Narita K, Ohya N, Hu YX.</u>          Related Articles, Links

[Combined surgery of pulmonary vein reconstruction in two cases with advanced pulmonary cancer]
Nippon Kyobu Geka Gakkai Zasshi. 1987 Apr;35(4):548-54. Japanese. No abstract available.
PMID: 3624939 [PubMed - indexed for MEDLINE]

☐ **19:** <u>Cao WJ, Hu RY, Ren YH, Tan W, Hu YX, Zhong HL.</u>          Related Articles, Links

Isolation of Toxoplasma gondii from a disomus with hydrocephalus in the Beijing area.
Chin Med J (Engl). 1986 Dec;99(12):987-9. No abstract available.
PMID: 3105979 [PubMed - indexed for MEDLINE]

☐ **20:** <u>Hu YX.</u>          Related Articles, Links

[Steroid cataract complicating kidney transplantation]
Chung Hua Yen Ko Tsa Chih. 1984 Sep;20(5):267-70. Chinese. No abstract available.
PMID: 6442667 [PubMed - indexed for MEDLINE]

| Display | Summary | ▼ Show | 20 | ▼ | Sort | ▼ | Send to | Text | ▼ |

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# WEST Search History

DATE:  Monday, February 10, 2003

| Set Name side by side | Query | Hit Count | Set Name result set |
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| L5 | papillomavirus and E2 | 11 | L5 |
| L4 | Hu y x.in. | 0 | L4 |
| *DB=JPAB; PLUR=YES; OP=ADJ* | | | |
| L3 | Hu y x.in. | 0 | L3 |
| *DB=DWPI; PLUR=YES; OP=ADJ* | | | |
| L2 | Hu y x.in. | 1 | L2 |
| L1 | Hu x y.in. | 0 | L1 |

END OF SEARCH HISTORY